

FIG. 1

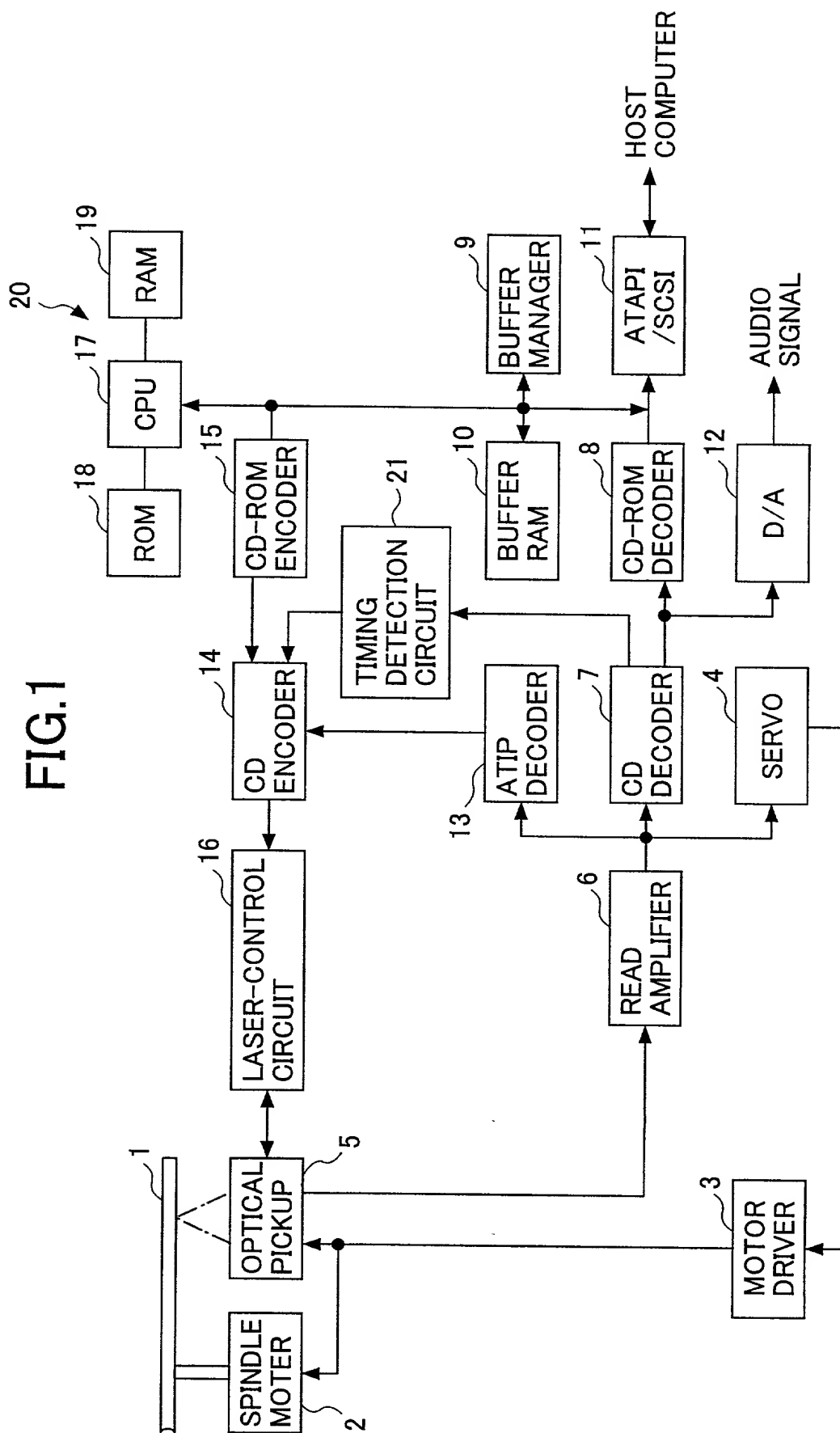


FIG.2

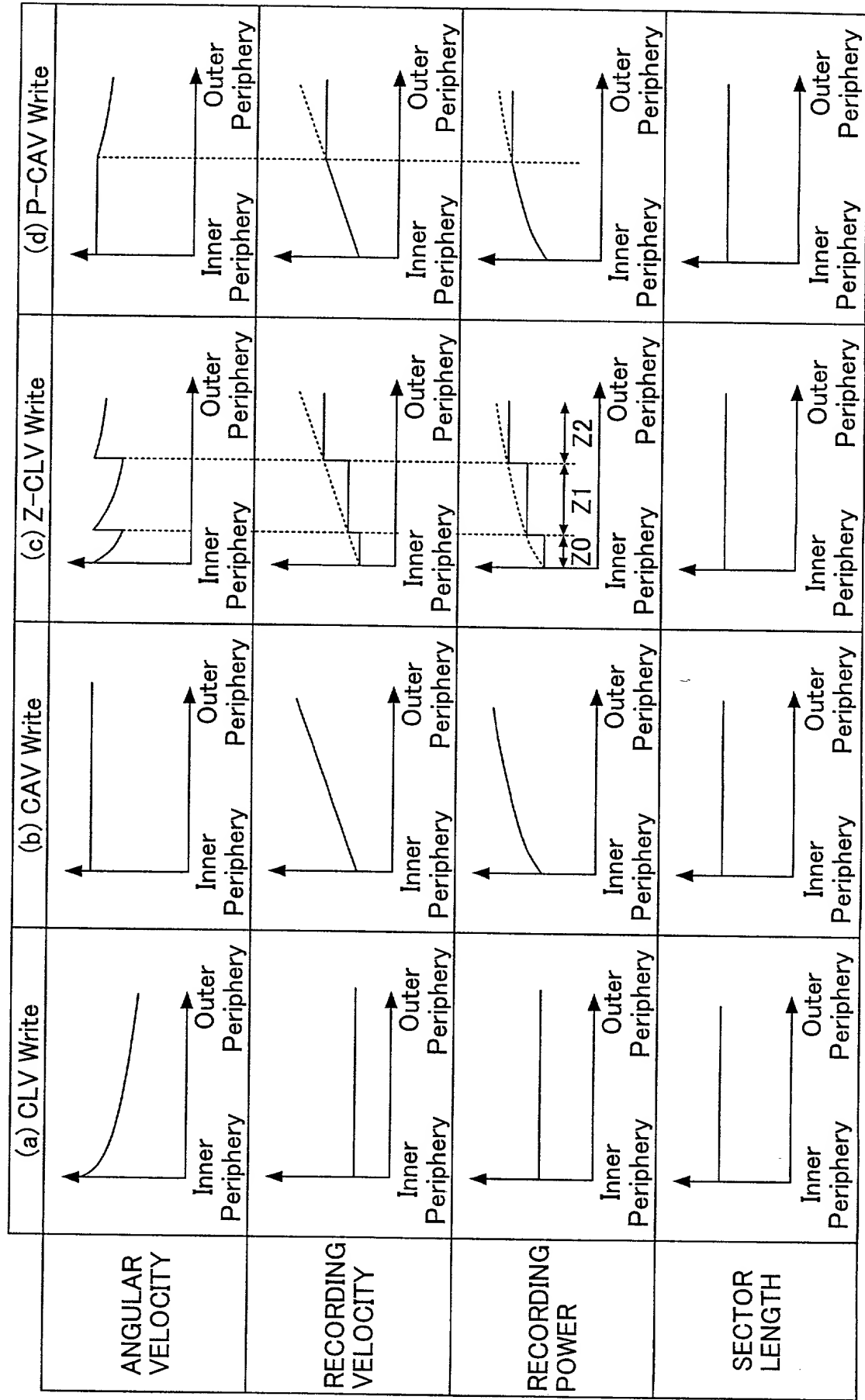


FIG.3

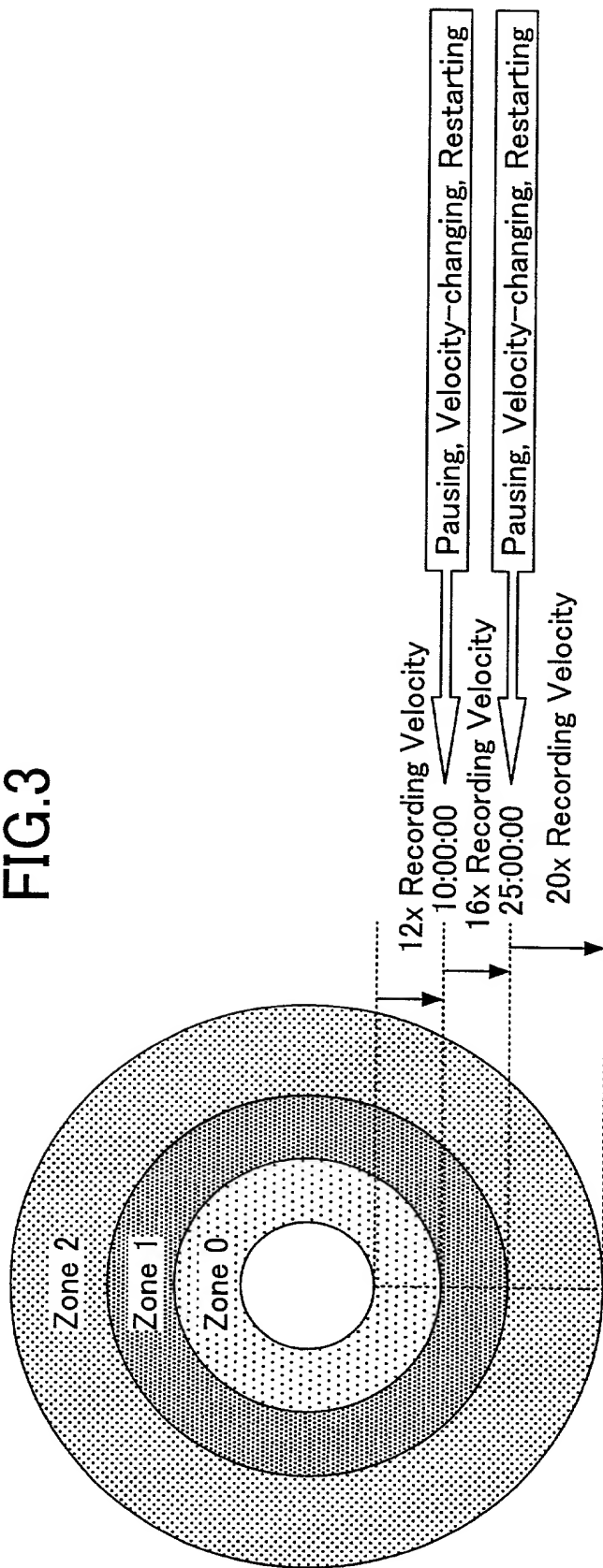
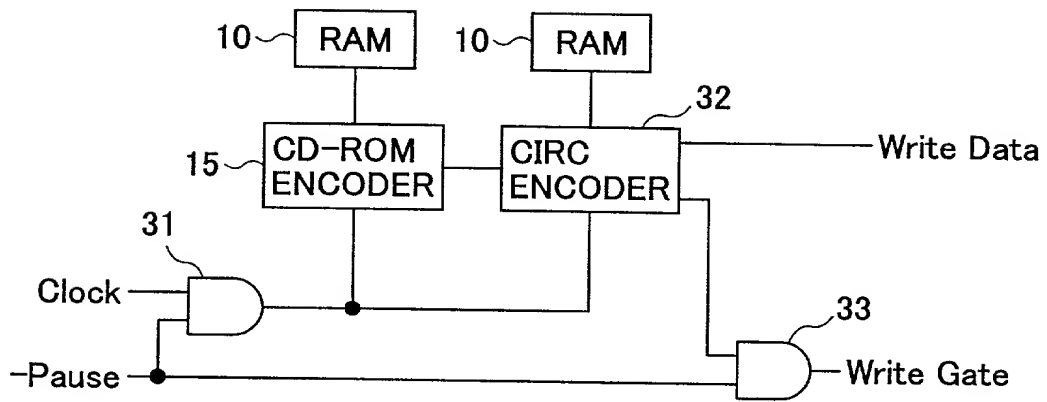


FIG.4



**FIG. 5**

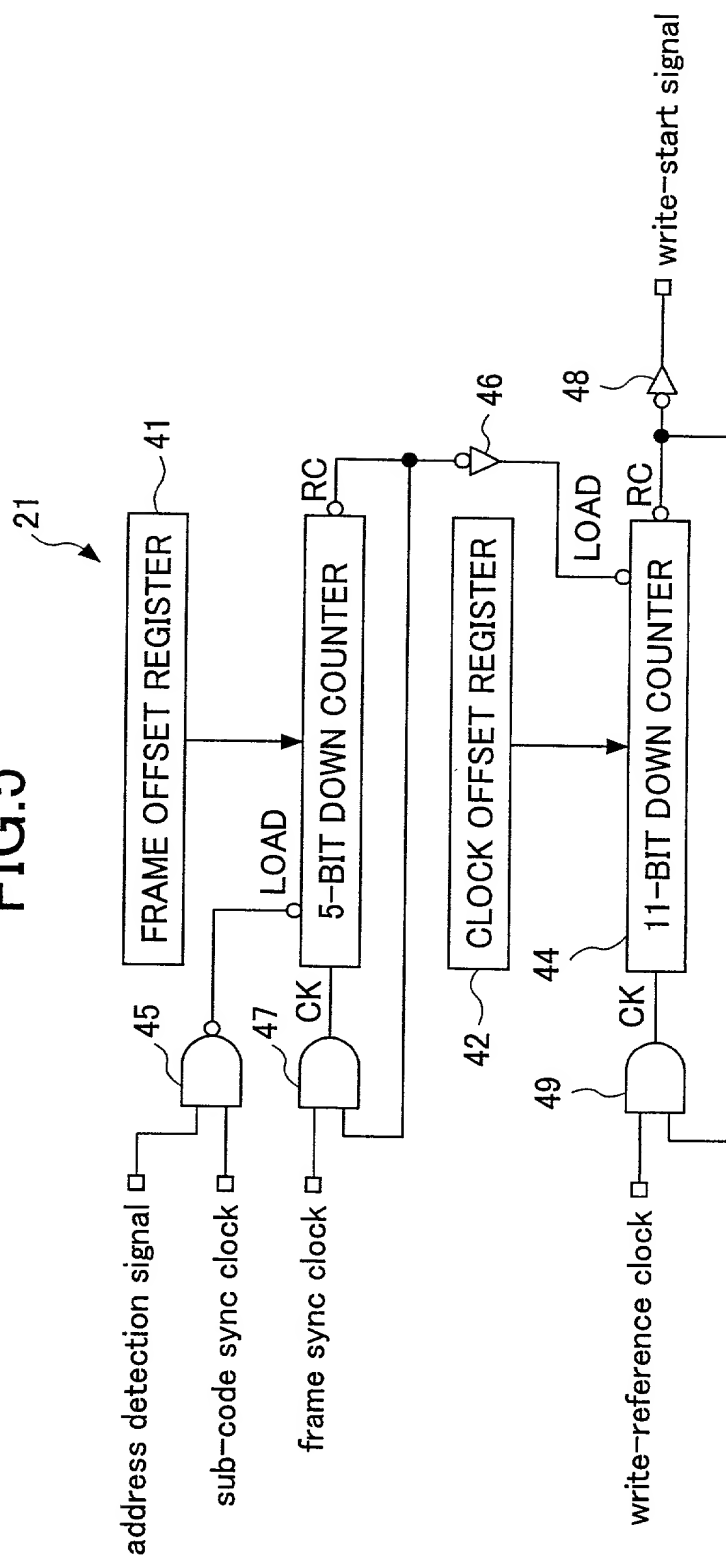


FIG. 6

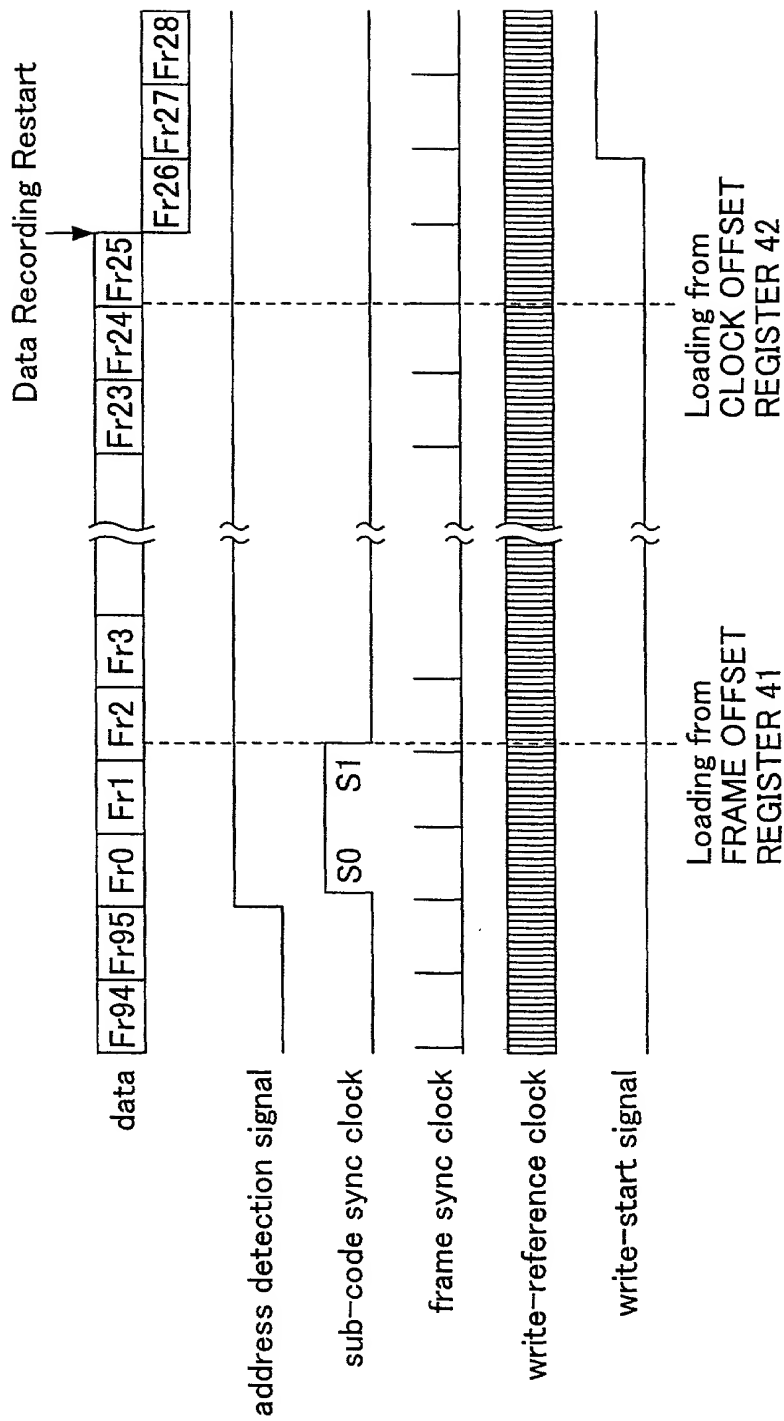


FIG.7

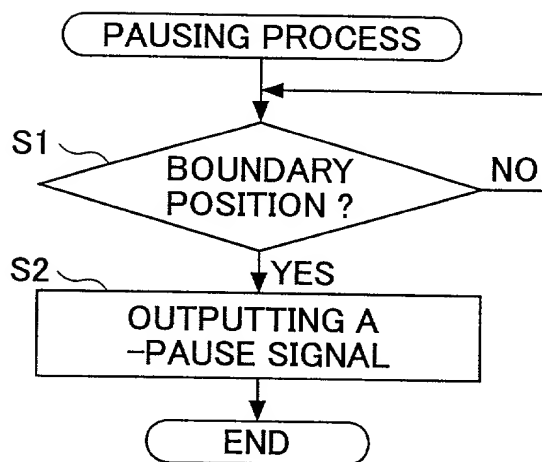


FIG.8

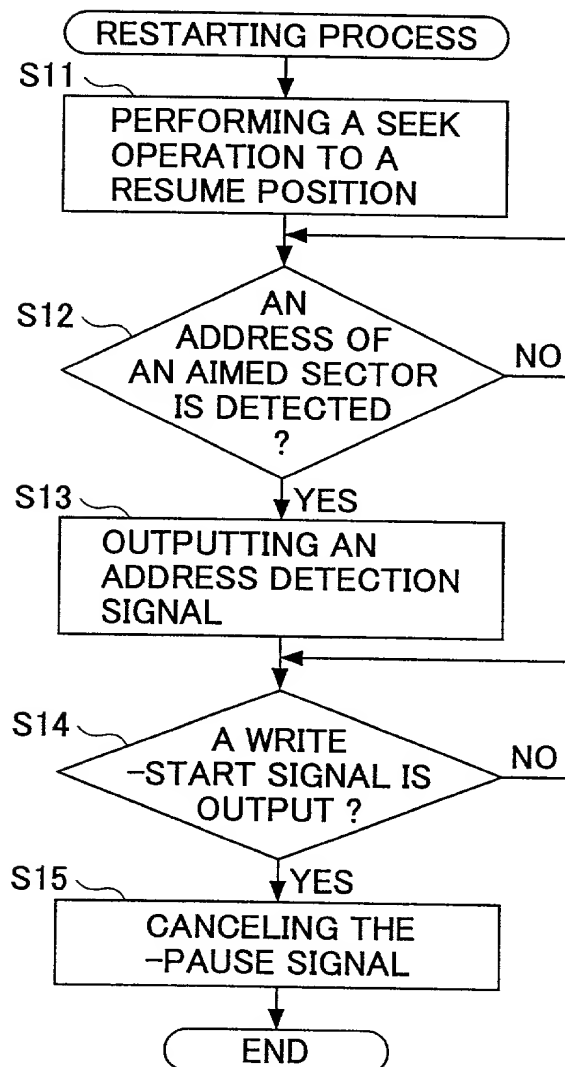
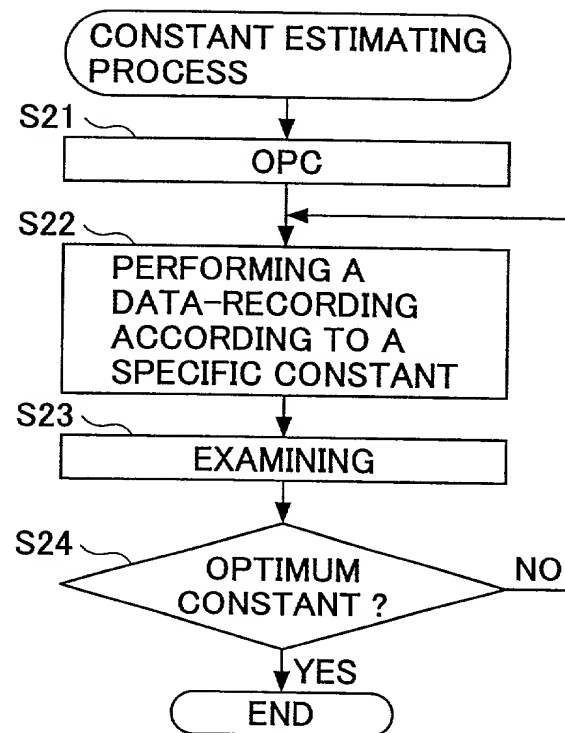


FIG.9





# FIG.10

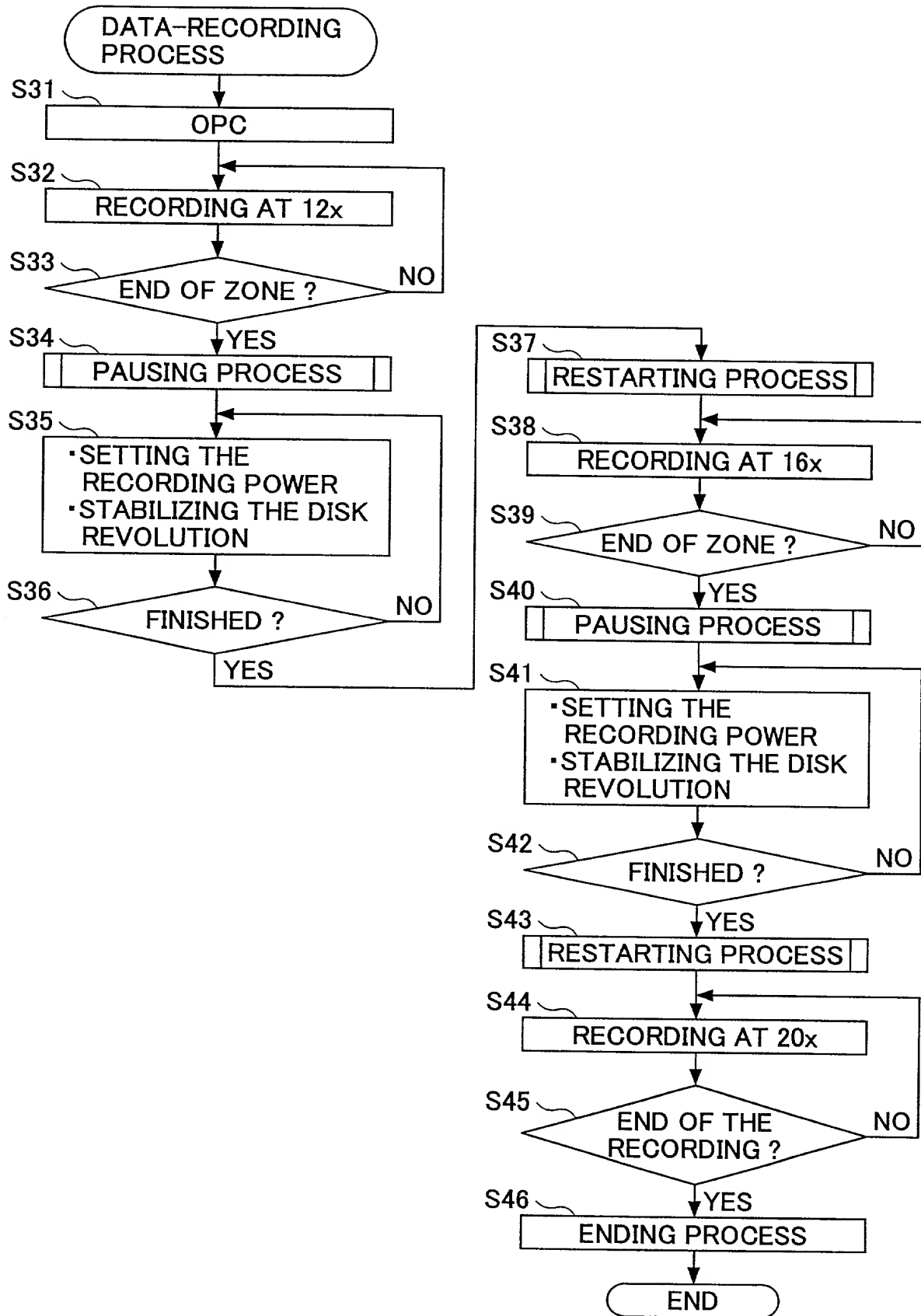




FIG.13

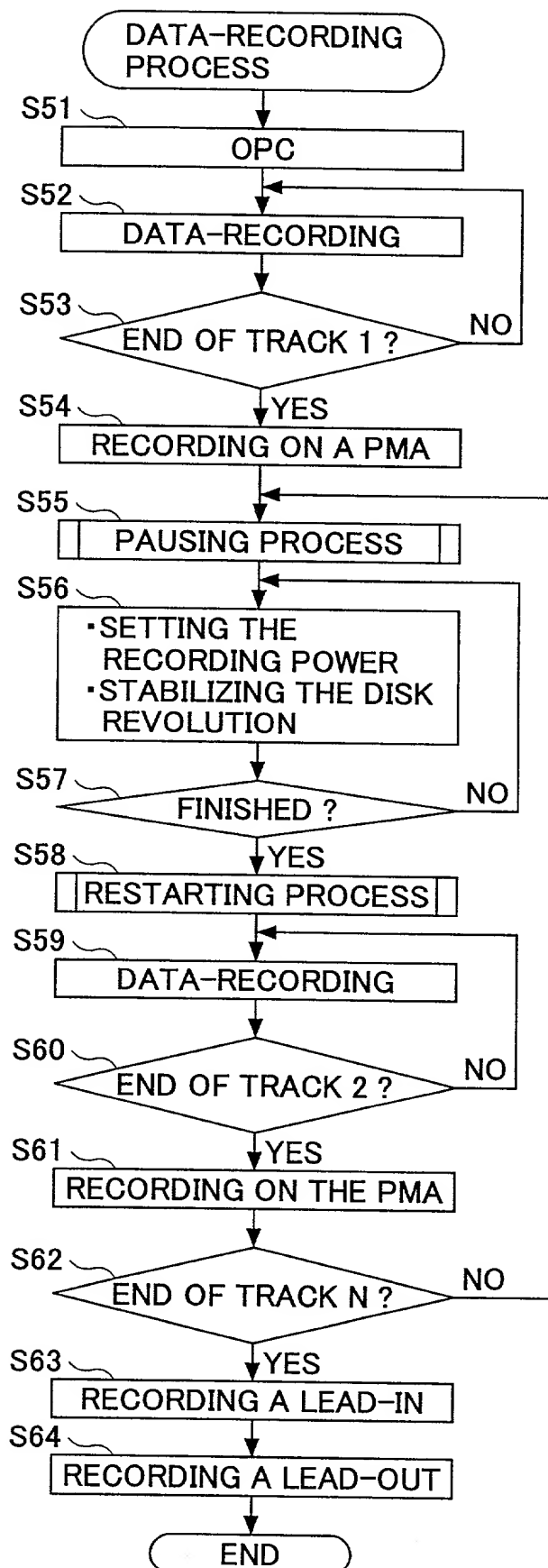


FIG.14

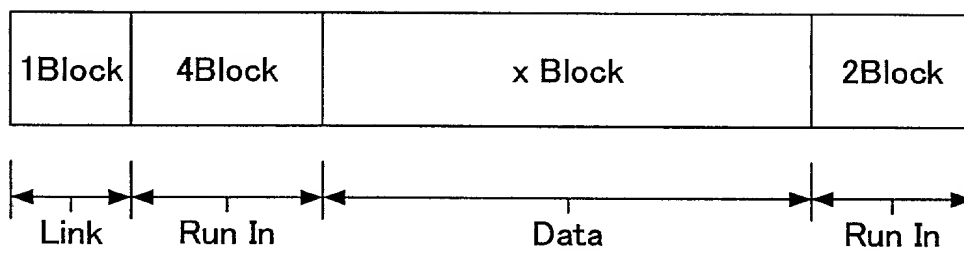


FIG.15

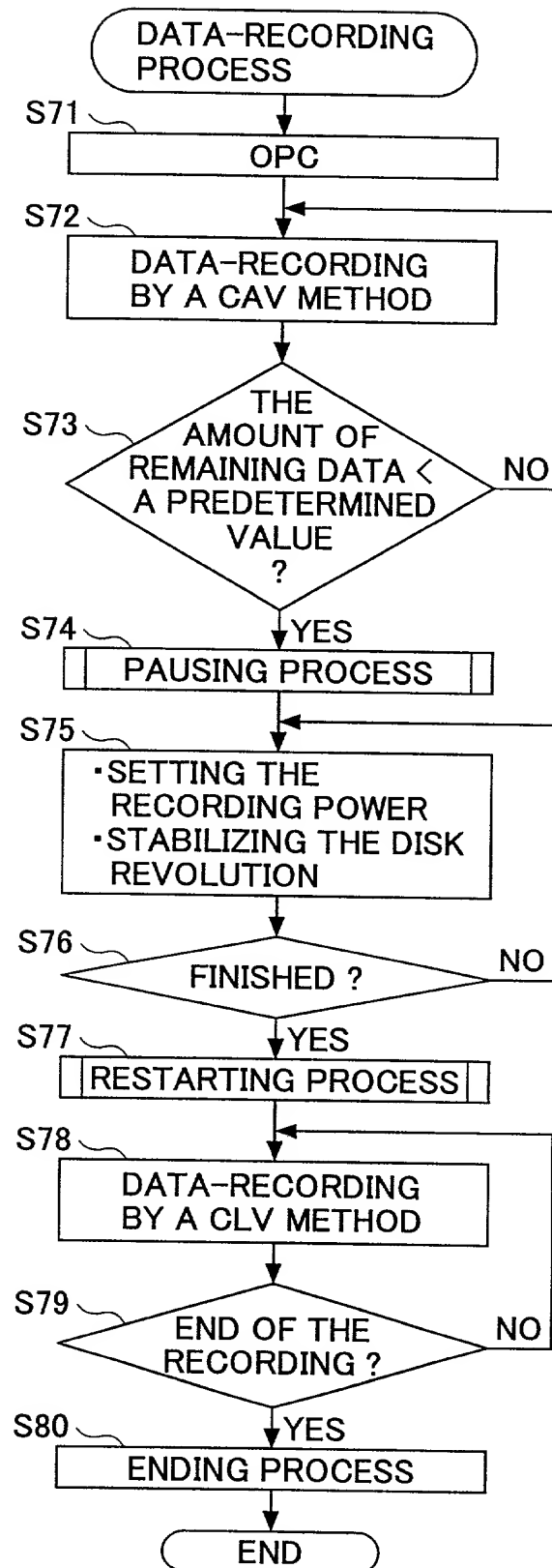


FIG.16

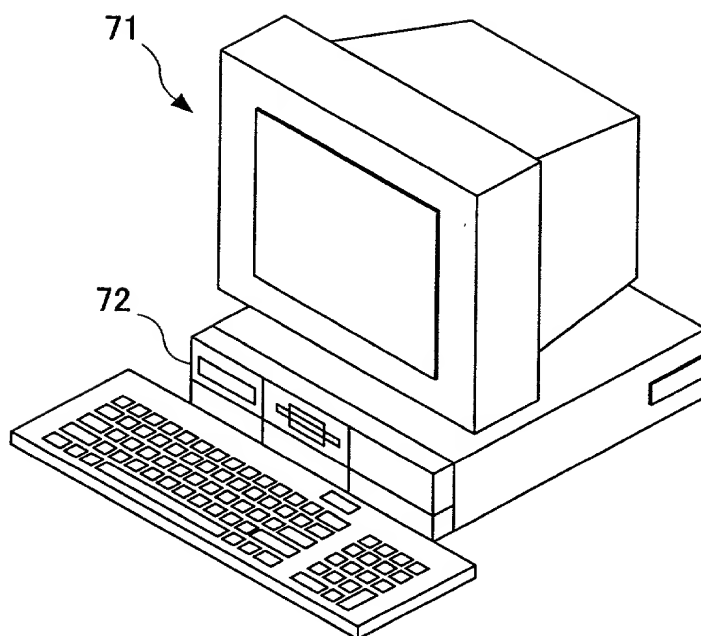
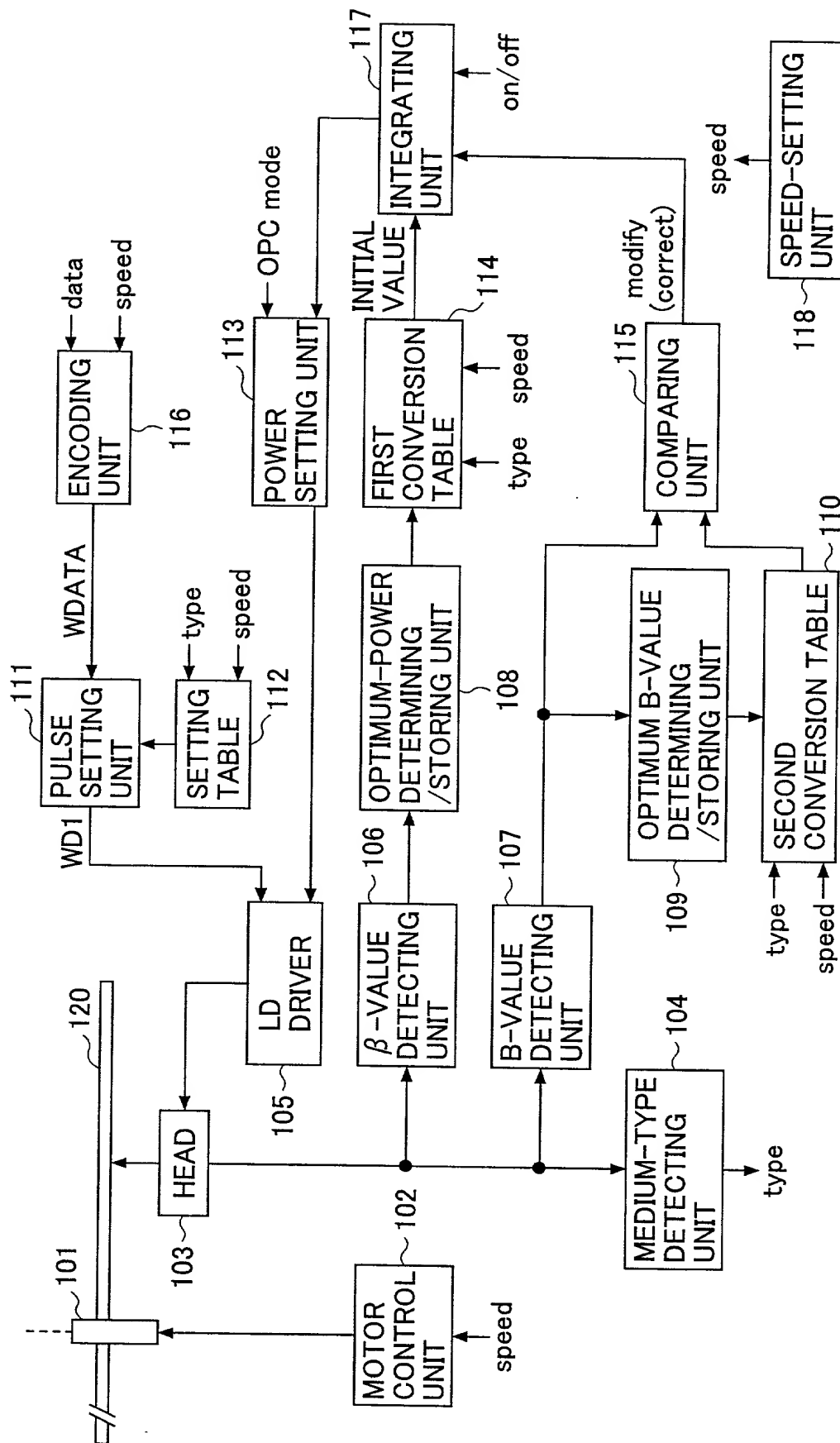
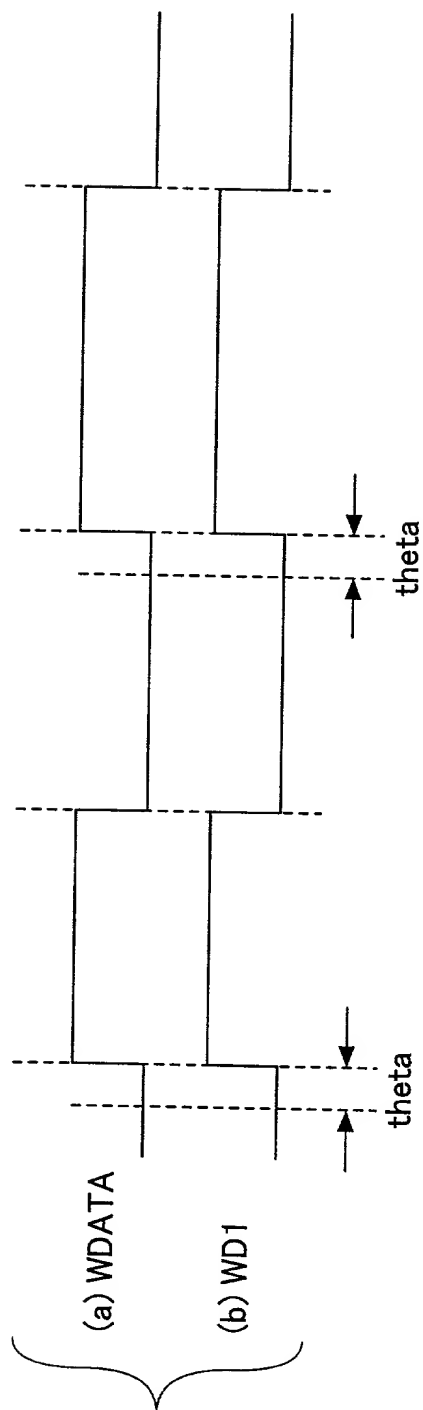


FIG.17





**FIG. 18**



FIG.19

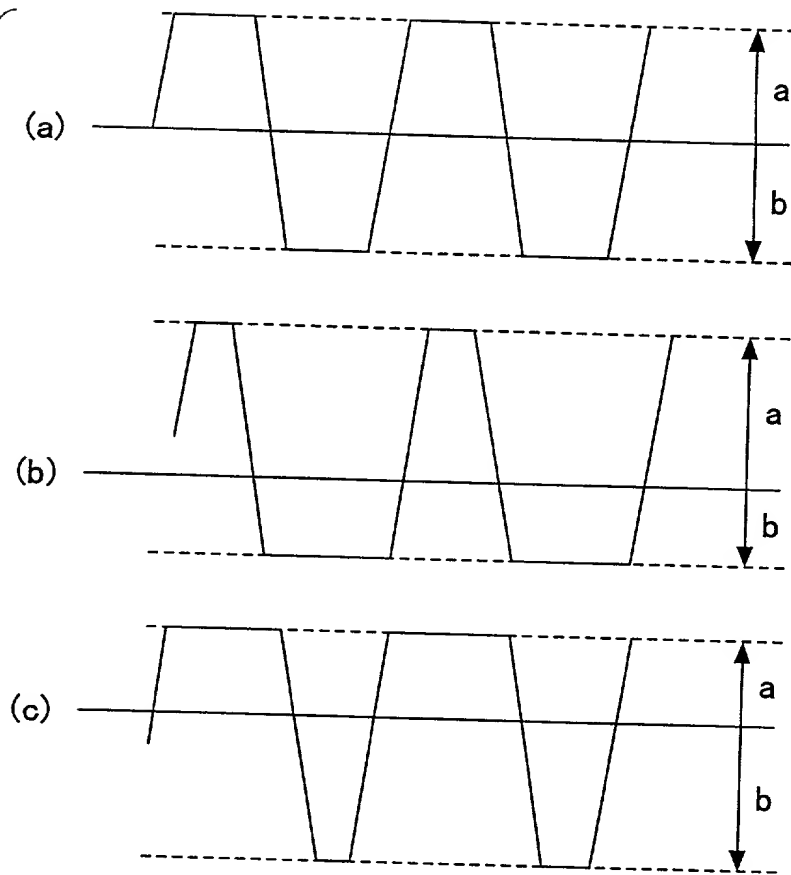
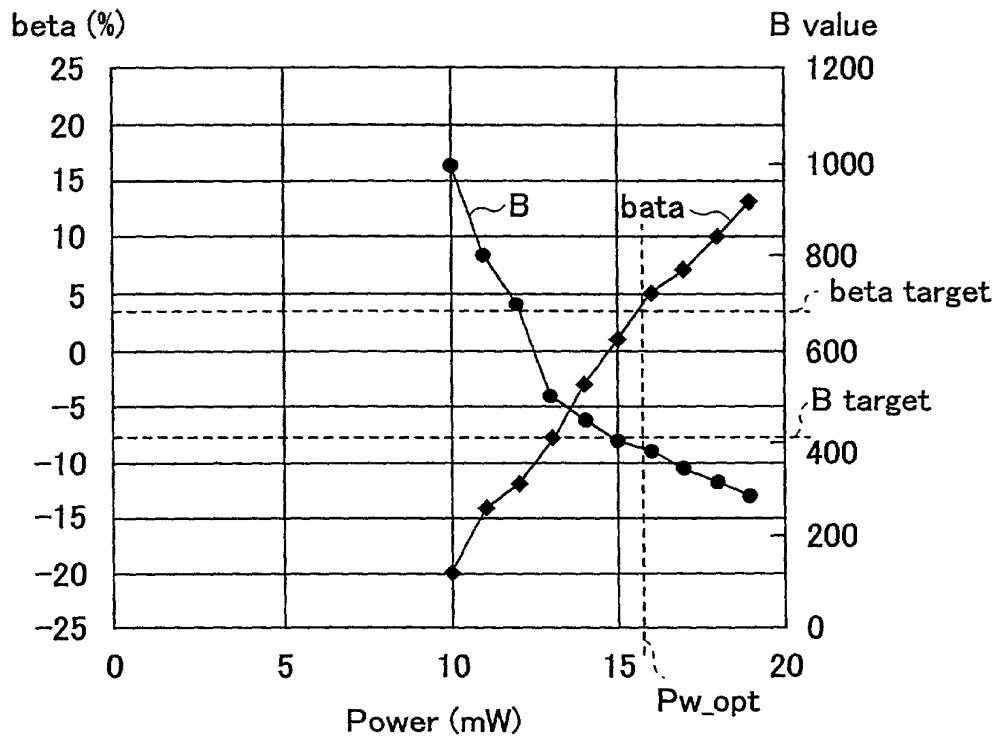


FIG.20

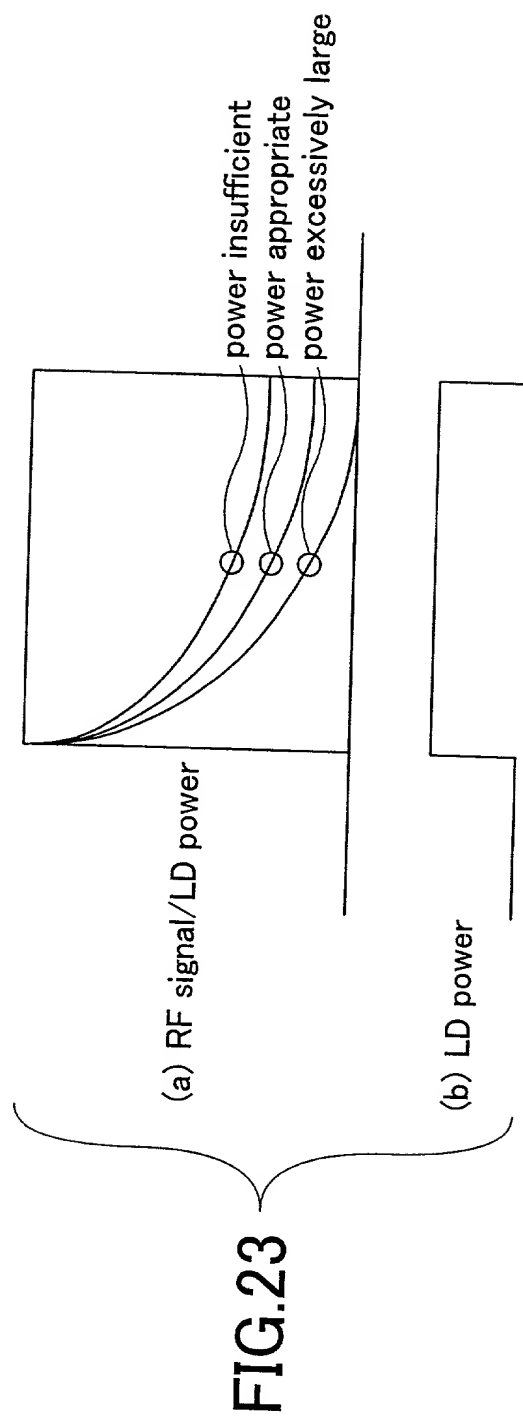
| Pw (mW) | beta (%) | B    |
|---------|----------|------|
| 10      | -20      | 1000 |
| 11      | -14      | 800  |
| 12      | -12      | 700  |
| 13      | -8       | 500  |
| 14      | -3       | 450  |
| 15      | 1        | 400  |
| 16      | 5        | 380  |
| 17      | 7        | 340  |
| 18      | 10       | 310  |
| 19      | 13       | 280  |

# FIG.21



# FIG.22

| TYPE | VELOCITY (x) | F1   | F2   | theta (T) |
|------|--------------|------|------|-----------|
| 1    | 12           | 1.00 | 1.00 | 0.00      |
| 1    | 16           | 1.10 | 1.00 | 0.10      |
| 1    | 20           | 1.15 | 1.00 | 0.20      |
| 1    | 24           | 1.20 | 1.00 | 0.30      |
| 2    | 12           | 1.00 | 1.00 | 0.10      |
| 2    | 16           | 1.20 | 1.10 | 0.10      |
| 2    | 20           | 1.40 | 1.20 | 0.10      |
| 2    | 24           | 1.60 | 1.30 | 0.20      |
| ...  | ...          | ...  | ...  | ...       |



# FIG.24

| MANUFACTURER<br>ID CODE | TYPE<br>CODE | RECORDING<br>PARAMETER<br>NUMBER |
|-------------------------|--------------|----------------------------------|
| A                       | 0            | 1                                |
| A                       | 1            | 1                                |
| A                       | 2            | 2                                |
| A                       | ...          | ...                              |
| B                       | 0            | 3                                |
| B                       | 1            | 4                                |
| B                       | 2            | 4                                |
| B                       | ...          | ...                              |
| ...                     | ...          | ...                              |